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ABSTRACT OF THE DISCLOSURE

An object detection system includes an emitter, a receiver, and a controller adjacent a window assembly which typically includes a moveable glass member and a frame. In operation the emitter transmits the electromagnetic through a defined field adjacent a closure path of a moveable glass member. The controller constructs a map of the signal received by the receiver such that insertion of an object within the defined field produces a variation in the map. The controller halts or reverses the movement of the moveable glass member to prevent trapping the object between the closing moveable glass member and the frame

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